PLUS Search Results for S/N 09935235, Searched May 19, 2005

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## 09935235\_QUAL

6091964 64

## 09935235\_CLS Most Frequently Occurring Classifications of Patents Returned From A Search of 09935235 on May 19, 2005

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Original Classifications
                 381/92
704/233
379/406.07
                  379/430
                379/430
704/226
704/227
704/243
704/244
704/256.5
704/256.8
Cross-Reference Classifications
                704/226

704/233

704/243

704/256

704/222

704/228

704/251

379/202.01

381/328

381/356

381/356

381/380

381/94.1

704/203

704/211

704/225

704/231

704/234

704/246

704/258
       4
      332222222222222
Combined Classifications
                704/233
704/226
704/243
704/256
381/92
       4
                 704/222
704/244
       4
       433333333332222222
                  379/406.07
379/430
                379/430

381/94.1

704/211

704/227

704/228

704/251

704/256.5

704/256.8

379/202.01

379/433.03

381/328
                 379/433.03
381/328
381/356
381/380
704/200.1
704/203
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# 09935235\_CLS

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	704/205 704/225 704/229 704/232 704/234 704/236
2 2 2	704/238 704/246 704/258
2	704/275

### 09935235\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 09935235 on May 19, 2005

```
704/233
                   (4 \text{ OR}, 5 \text{ XR})
                 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
        Class
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
         704/200
                        SPEECH SIGNAL PROCESSING
         704/231
                        .Recognition
                        ..Detect speech in noise
         704/233
                   (2 OR, 5 XR)
  704/226
                 704: DATA PROCESSING: SPEECH SIGNAL PROCESSING,
        Class
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
         704/200
                        SPEECH SIGNAL PROCESSING
                        .For storage or transmission
         704/201
         704/226
                        ..Noise
  704/243
                   (2 OR, 5 XR)
        Class
                 704: DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
                        SPEECH SIGNAL PROCESSING
        704/200
        704/231
                        .Recognition
                        ..Creating patterns for matching
         704/243
5
  704/256
                   (0 \text{ or}, 5 \text{ xr})
                 704:
        class
                         DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200
                        SPEECH SIGNAL PROCESSING
         704/231
                        .Recognition
        704/251
704/255
                        ..Word recognition
                        ...Specialized models
        704/256
                        ....Markov
   381/92
                   (4 \text{ OR}, 0 \text{ XR})
        class
                  381 :
                         ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
                          AND DEVICES
        381/92
                        DIRECTIVE CIRCUITS FOR MICROPHONES
  704/222
                   (0 \text{ or, } 4 \text{ xr})
        class
                  704:
                         DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                          COMPRESSION/DECOMPRESSION
        704/200
                        SPEECH SIGNAL PROCESSING
        704/201
704/221
                        .For storage or transmission
                        ..Pattern matching vocoders
        704/222
                        ... Vector quantization
                   (2 OR, 2 XR)
  704/244
        Class
                 704:
                         DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200
                        SPEECH SIGNAL PROCESSING
        704/231
                        .Recognition
                        ..Creating patterns for matching
        704/243
        704/244
                        ...Update patterns
                 (2 OR, 1 XR)
379 : TELEPHONIC COMMUNICATIONS
  379/406.07
        Class
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09935235_CLSTITLES
                         ECHO CANCELLATION OR SUPPRESSION
         379/406.01
         379/406.06
                         .Using digital signal processing
         379/406.07
                         ..Using attenuator
                   (2 OR, 1 XR)
79 : TELEPHONIC COMMUNICATIONS
  379/430
                  379:
         Class
         379/419
                         TERMINAL
         379/428.01
                         .Housing or housing component
         379/430
                         ..Body supported (e.g., headgear)
  381/94.1
                   (1 OR, 2 XR)
3
                          ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
         Class
                  381 :
                           AND DEVICES
                         NOISE OR DISTORTION SUPPRESSION
         381/94.1
  704/211
                   (1 OR, 2 XR)
                  704 :
                          DATA PROCESSING: SPEECH SIGNAL PROCESSING,
         Class
                           LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                           COMPRESSION/DECOMPRESSION
        704/200
704/201
                         SPEECH SIGNAL PROCESSING
                         .For storage or transmission
         704/211
                         ..Time
                   (2 OR, 1 XR)
  704/227
                  704 :
                          DATA PROCESSING: SPEECH SIGNAL PROCESSING,
        Class
                           LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200
704/201
704/226
                         SPEECH SIGNAL PROCESSING
                         .For storage or transmission
                         ..Noise
         704/227
                         ... Pretransmission
  704/228
3
                   (0 \text{ OR}, 3 \text{ XR})
        Class
                  704:
                          DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                           LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200
                         SPEECH SIGNAL PROCESSING
         704/201
                         .For storage or transmission.
         704/226
                         ..Noise
        704/228
                         ...Post-transmission
                   (1 OR, 2 XR)
  704/231
                  704:
                          DATA PROCESSING: SPEECH SIGNAL PROCESSING,
         Class
                           LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200
704/231
                         SPEECH SIGNAL PROCESSING
                         .Recognition
  704/251
                   (0 \text{ OR}, 3 \text{ XR})
        Class
                  704: DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                           LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                           COMPRESSION/DECOMPRESSION
        704/200
                         SPEECH SIGNAL PROCESSING
         704/231
                         .Recognition
        704/251
                         ..Word recognition
                   (2 OR, 1 XR)
04: DATA PROCESSING: SPEECH SIGNAL PROCESSING,
  704/256.5
                  704:
        Class
                           LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        Could not find subclass title.
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704/256.8

(2 OR, 1 XR)

#### 09935235\_CLSTITLES Class DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION Could not find subclass title. (0 OR, 2 XR) 379 : TELEPHONIC COMMUNICATIONS 2 379/202.01 Class 379/201.01 SPECIAL SERVICES 379/202.01 .Conferencing (1 OR, 1 XR) 379 : TELEPHONIC COMMUNICATIONS 379/433.03 Class 379/419 TERMINAL 379/428.01 .Housing or housing component 379/433.01 ..Handset structure ...Microphone mounting 379/433.03 381/328 (0 or, 2 XR)Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES 381/312 HEARING AIDS, ELECTRICAL .Specified casing or housing 381/322 381/328 ..Ear insert 381/356 (0 OR, 2 XR)**ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS** Class 381 : AND DEVICES 381/150 381/355 **ELECTRO-ACOUSTIC AUDIO TRANSDUCER** .Housed microphone 381/356 ..Directional 381/380 (0 or, 2 xr) 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS Class AND DEVICES 381/150 381/182 ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Plural or compound reproducers 381/370 ..Headphone 381/374 ...Particular support structure 381/380 ....Ear insert or bone conduction 704/200.1 (1 OR, 1 XR)DATA PROCESSING: SPEECH SIGNAL PROCESSING, 704 : Class LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/200.1 .Psychoacoustic 704/203 (0 OR, 2 XR)DATA PROCESSING: SPEECH SIGNAL PROCESSING, Class 704: LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING .For storage or transmission 704/201 704/203 ..Transformation 2 704/205 (1 OR, 1 XR)DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704 : Class 704/200 SPEECH SIGNAL PROCESSING 704/201 .For storage or transmission 704/205 .. Frequency

#### 09935235\_CLSTITLES (0 OR, 2 XR) 704/225 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/201 .For storage or transmission ..Gain control 704/225 704/229 (1 OR, 1 XR)class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/201 .For storage or transmission 704/229 .. Adaptive bit allocation (1 OR, 1 XR) 704: DATA PROCESSING: SPEECH SIGNAL PROCESSING, 704/232 Class LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION SPEECH SIGNAL PROCESSING 704/200 704/231 .Recognition 704/232 ..Neural network 2 704/234 (0 OR, 2 XR)704 : Class DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/231 .Recognition 704/234 .. Normalizing 704/238 (1 OR, 1 XR)class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/231 704/236 .Recognition .. Specialized equations or comparisons 704/238 ...Distance (0 OR, 2 XR) 04: DATA PROCESSING: SPEECH SIGNAL PROCESSING, 704/246 704: class LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/231 .Recognition 704/246 .. Voice recognition 704/258 (0 OR, 2 XR)704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, class LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/258 .Synthesis 704/275 (1 OR, 1 XR)704 : Class DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION 704/200 SPEECH SIGNAL PROCESSING 704/270 .Application 704/275 .. Speech controlled system